

MANUFACTURING METHOD FOR POLYMER CHIPS CONTAINING METAL OR METAL OXIDE NANOPARTICLES COMPONENT

ABSTRACT OF THE DISCLOSURE

A manufacturing method with respect to polymer chips containing metal or metal oxide nanoparticles component discloses the chips, treated by blend and extrude, composed of one metal or metal oxide nanoparticles and at least one polymer material. The metal or metal oxide nanoparticles disperse into polymer chip and by spinning, textile process to be as antibiosis textiles, e.g. fiber, yarn, woven or non-woven or to be as plastic process materials. Meanwhile, uses metal or metal oxide nanoparticles to achieve functional application, e.g. disinfection, antibiosis, far IR, and so on.